Materials List for:

Determination of the Glycogen Content in Cyanobacteria

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Materials

Name	Company	Catalog Number	Comments
QSonica Sonicators Q700	Qsonica, LLC	NA	QSonica
SpectraMax 190 Microplate Reader	Molecular Devices	NA	Eliza plate reader
Bullet Blender Storm	Next Advance	BBY24M-CE	Beads beater
Ultrospec 3100 pro UV/Visible Spectrophotometer	Amersham Biosciences	NA	Spectrophotometer
Tris	Sigma-Aldrich	T1503	Buffer
HCl	Merck	1-00317	pH adjutment
Sodium acetate	Sigma-Aldrich	32319	Buffer
Amyloglycosidase (Rhizopus sp.)	Megazyme	E-AMGPU	Enzyme for glycogen depolymerization
α-Amylase, thermostable (Bacillus licheniformis)	Sigma-Aldrich	A3176	Enzyme for glycogen depolymerization
D-Glucose	Merch	8337	Standard for the glucose assay
Pierce BCA Protein assay kit	Thermo Fisher scientific	23225	For determination of protein concentrations
Aluminum drying trays, disposable	VWR	611-1362	For determination of cell dry weights
D-Glucose assay kit (GODPOD format)	Megazyme	K-GLUC	For determination of glucose concentrations
Zirconium oxide breads, 0.15 mm	Next Advance	ZrOB015	Beads for cell lysis in a Bullet Blendar Storm
RINO tubes	Next Advance	NA	Tubes for cell lysis in a Bullet Blendar Storm